

## Abstract

The present invention relates to a method for operating a camshaft adjusting device. In a method for operating a camshaft adjusting device, using an actuating drive, the actual setting of a camshaft with respect to the rotation of the crankshaft is followed 5 corresponding to a setpoint setting ascertained in a control unit. In response to the occurrence of a lasting system deviation between the actual setting and the setpoint setting, an error signal is generated. According to the present invention, the error signal is designed in multiple stages as a function of the system deviation, different weightings being imputed to the individual stages of the fault indication. By this 10 measure, the fault indications of different weightings may be processed. Faults that are not serious, but nevertheless require attention, may be treated separately from serious faults.